ELSEVIER

Journal of Geochemical Exploration 60 (1998) 255–256

JOURNAL OF GEOCHEMICAL EXPLORATION

Contents Volume 60 (1997/1998)

Special Issue

ENVIRONMENTAL GEOCHEMICAL BASELINE MAPPING IN EUROPE

Edited by **K. Marsina** and **K. Vrana**

Foreword vii
A global geochemical reference network: the foundation for geochemical baselines
A.G. Darnley 1
Geochemical Atlas of the Slovak Republic at a scale of 1 : 1,000,000
K. Vrana, S. Rapant, D. Bodiš, K. Marsina, B. Maňkovská, J. Čurlík, P. Šefčík, J. Daniel, L. Lučivjanský, J. Lexa and S. Pramuka. 7
Geochemical and radioactivity mapping in Poland
J. Lis, A. Pasieczna, R. Strzelecki, S. Wołkowicz and P. Lewandowski 39
Low-density geochemical mapping in Hungary
L. Ódor, I. Horváth and U. Fügedi. 55
Experience and goals of geochemical mapping for environmental protection in Lithuania
V. Gregorauskiene and V. Kadunas 67
Baseline geochemical mapping of Sardinia (Italy)
B. De Vivo, M. Boni, A. Marcello, M. Di Bonito and A. Russo 77
The problem of defining geochemical baselines. A case study of selected elements and geological materials in Finland
R. Salminen and T. Tarvainen 91
Geochemical mapping in China
X. Xuejing, M. Xuzhan and R. Tianxiang 99

Research Papers

The potential of the high-biomass nickel hyperaccumulator *Berkheya coddii* for phytoremediation and phytomining
B.H. Robinson, R.R. Brooks, A.W. Howes, J.H. Kirkman and P.E.H. Gregg 115
A comparison of differing lake sediment field sample sizes: application to geochemical exploration for epithermal gold deposits in central British Columbia
S.J. Cook 127
Geochemical patterns in soils of the karst region, Croatia
E. Prohic, G. Hausberger and J.C. Davis 139
A catchment basin approach to the analysis of reconnaissance geochemical–geological data from Albay Province, Philippines
E.J.M. Carranza and M. Hale 157
Geochemical characterization of tungsten-bearing granites from Rajasthan, India
P.K. Srivastava and A.K. Sinha 173
Geochemical discrimination of volcanic rocks associated with borate deposits: an exploration tool?
P.A. Floyd, C. Helvaci and S.K. Mittwede 185
Discovery and exploration of the Gosowong epithermal gold deposit, Halmahera, Indonesia
J.C. Carlile, G.R. Davey, I. Kadir, R.P. Langmead and W.J. Rafferty 207
Determination of trace elemental signatures in placer gold by laser ablation–inductively coupled plasma–mass spectrometry as a potential aid for gold exploration
P.M. Outridge, W. Doherty and D.C. Gregoire 229

Quantitative SIMS analysis of trace Au in pyrite using the infinite velocity (IV) method
A.R. Pratt, C.M. Huctwith, P.A.W. van der Heide and N.S. McIntyre 241

Book Reviews 249
Author Index 253
Contents Volume 60 255